DOVE.

SPECULUM ANNI
OR AN
ALMANACK

For the Year of our
LORD GOD
1686.

Being the second after Bissextile or Leap-year, and from the worlds Creation 5689.

Wherein is contained the principal Aspects of the Planets, Eclipses, Terms, both at *London* and *Cambridge*, Inclination of the Air, with other things of note.

Calculated properly for the famous

University and Town of *Cambridge*, where the North Pole is elevated above the Horizon 52 degr. and 12 min.

But may indifferently serve for any place within this Kingdom.

Non nobis solum nati sumus.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University, 1686.

The Scarlet days in the Univerſity of *Cambridge*, are as followeth.

All Saints, Chriſtmas, Eaſter, Aſcenſion, Whitſunday,
Trinity-ſunday, Commencement, and the 29 of May;
At the two Fairs proclaiming in June and September.
The Feaſt of Saint Michael, and the 5 of November,

To Funerals, Clerums and Supplications,
All Doctours go as to Congregations;

That is in their Robes.

MArriage comes in on the 13 day of January, and at Septuageſima Sunday it is out again until Lowſunday, at which time it comes in again, & goes not out till Rogation-ſunday; thence it is forbidden until Trinity-ſunday: from whence it is unforbidden, till Advent-ſunday: but then it goes out, and comes not in again till the 13 day of January next following.

The Names, and Characters of the 12 Signs, with the parts of mans Body which they are ſaid to govern.

♈	Aries head and Face	♎	Libra Reins & Loyns
♉	Taurus neck and Throat	♏	Scorpio Secret members.
♊	Gemini Arms & Shoul.	♐	Sagittarius the Thighs.
♋	Cancer Breaſt & Stom.	♑	Capricornus the Knees.
♌	Leo Heart and back	♒	Aquarius the Legs.
♍	Virgo Bowels and Belly	♓	Piſces the Feet.

Note that the bright Planet *Venus* will be our evening Star, from the beginning of the Year, to the 5 day of *April*, and then making her Conjunction with the Sun, She becomes Oriental and our glorious morning Star to the end of the Year.

The

The vulgar Notes and Moveable Feasts for this year, 1686. in both Accounts.

Julian or *English.*		*Gregorian* or Forreign.
15	The Golden Number	15
C	The Dominical Letters	F
15	The Epact	5
15	The Cycle of the Sun	15
Feb. 14	Shrove-sunday	Febr. 24
April 4	Easter-day	April 14
May 13	Ascension-day	May 23
May 23	Whit-sunday	June 2
Novemb. 28	Advent-sunday	Decemb. 1

The Terms with their Returns.

Hilary Term begins January 13. and ends February 12, and hath 4 returns, viz.

- Octab. Hilar. January 20
- Quind. Hilar. Jan. 27
- Crast. Purif. February 3
- Octab. Purif. February 9

Easter Term begins April 11, and ends May 17, and hath 5 returns.

- Quind. Pasch. April 19
- Tres Pasch. April 26
- Mens. Pasch. May 3
- Quinq; Pasch May 10
- Crast Ascen. May 14

Trinity Term begins June 4, and ends June 23, and hath 4 returns.

- Crast Trin. May 31
- Octab. Trin June 7
- Quind. Trin. June 14
- Tres Trin June 21

Michael. Term begins October 23, and ends November 29, and hath 6 returns.

- Tres Mich. Octob 26
- Mens Mich Octob. 27
- Crast Anim. November 3
- Crast. Mart. November 12
- Octab. Mart. November 18
- Quind. Mart. November 25

A brief Concordance of Years with some memorable things since the beginning of the Reign of Queen *Elizabeth*

Anno Dom.	*An. Re.*		
1558	1	128	A Parliament called.
1559	2	127	Monasteries suppressed.
1560	3	126	Wars with *Scots* and *French*.
1561	4	125	*Paul*'s Church-Steeple burnt.
1562	5	124	Tempest and Earthquake.
1563	6	123	20000 die of the Plague in *London*.
1564	7	122	*Thames* frozen.
1565	8	121	Peace with *France*.
1566	9	120	King *James* born.
1567	10	119	Royal Exchange finished.
1568	11	118	A dry Summer.
1569	12	117	Rebellion in the North.
1570	13	116	Wars with *Scotland*.
1571	14	115	Earthquake in *Herefordshire*.
1572	15	114	Massacre in *France*.
1573	16	113	Earl of *Essex* goes to *Ireland*.
1574	17	112	Countess's Spirits punished.
1575	18	111	An Earthquake.
1576	19	110	*Forbisher*'s North Voyage.
1577	20	109	Infection at *Oxford* Assizes.
1578	21	108	A great Snow.
1579	22	107	A curious Lock Smith.
1580	23	106	Great Earthquake, and Blazing Star.
1581	24	105	Three *Jesuits* executed.
1582	25	104	New Calendar began.
1583	26	103	Earthquake in *Dorsetshire*.
1584	27	102	*Nantwich* burnt.
1585	28	101	Tobacco first used in *England*.
1586	29	100	Ludgate new built.
1587	30	99	Blackwell Hall new built.

Spain's

1588	31	98	*Spain*'s Armado overthrown.
1589	32	97	Duke of *Guise* murthered.
1590	33	96	Blasphemous *Hacket* hanged.
1591	34	95	*East-India* Company began.
1592	35	94	The *Thames* almost dry.
1593	36	93	1636 died of the Plague in *London*.
1594	37	92	Great Tempest.
1595	38	91	Scarcity of Corn.
1596	39	90	Earl of *Essex* takes *Cadiz* in *Spain*.
1597	40	89	Wheat 13 shillings a Buthel.
1598	41	88	Great Tempests and Frost.
1599	42	87	Earl of *Essex* goes to *Ireland*.
1600	43	86	Embassadors from *Russia* and *Barbary*.
1601	44	85	Earl of *Essex* beheaded.
1602	45	84	Queen *Elizabeth* dieth at *Richmond*.
1602			K. *James* I. beg. in *March* 24. 1602.
1603	1	83	30578 die of the Plague in *London*.
1604	2	82	Peace with *Spain*.
1605	3	81	Powder Plot.
1606	4	80	King of *Denmark* came to *England*.
1607	5	79	Moore-fields beautified.
1608	6	78	Oath of Allegiance.
1609	7	77	New Exchange in the Strand.
1610	8	76	King of *France* murthered.
1611	9	75	*Bartholomew Legat* in Arian burnt.
1612	10	74	Lady *Elizabeth* married, Prince *Henry* dies
1613	11	73	Artillery Company revived.
1614	12	72	*Middleton*'s Water.
1615	13	71	Smithfield paved.
1616	14	70	*Charles* created Prince of *Wales*.
1617	15	69	*Haidock* the sleeping Preacher.
1618	16	68	Sr *Walter Rawleigh* decollated.
1619	17	67	Queen *Anne* dies.
1620	18	66	King of *Bohemia* overthrown.
1621	19	65	*Philip* 3 K. of *Spain* dies, *Phil.* 4. succ.

1622	20	64	Prince *Charles* goes into *Spain.*
1623	21	63	Black Friers downfall.
1624	22	62	The Bloudy Cruelty at *Amboyna.*
1625	K. *Char.* I. beg. *Mar.* 27.	54265. die.	Pl. 35417.
1626	2	60	War with *Spain* and *France.*
1627	3	59	Isle of *Rhees* Voyage.
1628	4	58	Duke of *Buckingham* ſtabb'd.
1629	5	57	*New England* planted.
1630	6	56	King *Charles* II. born.
1631	7	55	Battle at *L. Tilly* ſlain.
1632	8	54	*London* Bridge burnt.
1633	9	53	*James* II. born *Octob.* 14.
1634	10	52	Ship Money firſt Taxed.
1635	11	51	Old *Parr* died aged 160.
1636	12	50	*Dutch* take the *Spaniſh* Silver Fleet.
1637	13	49	Engliſh Liturgy ſent into *Scotland.*
1638	14	48	The *Scots* National Covenant.
1639	15	47	*Dutch* beat the *Spaniards* at *Dover.*
1640	16	46	The long Parliament began *Nov.* 3.
1641	17	45	The Earl of *Strafford* beheaded.
1642	18	44	*Edge Hill* Fight.
1643	19	43	*Newberry* firſt Fight.
1644	20	42	*Newberry* ſecond Fight.
1645	21	41	Arch-Biſhop of *Canterbury* beheaded.
1646	22	40	Lord *Fairfax* takes *Oxford.*
1647	23	39	King taken by Parliament and Army.
1648	24	38	King trayterouſly beheaded. K. *Charles* the Second begins *Jan.* 30.
1649	1	37	Powder-blow in Tower-ſtreet.
1650	2	36	King *Charles* II. Crowned in *Scotland.*
1651	3	35	*Worceſter* Fight. *Love* beheaded.
1652	4	34	Wars with *Holland.*
1653	5	33	Old and New Parliament diſſolved.
1654	6	32	Peace with *Holland.*

1655	7	31	Wars with *Spain.*
1656	8	30	Two Tides in 3 hours, Octob. 3.
1657	9	29	*Mardike* taken by the *Engliſh* & *French.*
1658	10	28	*Cromwell* died.
1659	11	27	Sr *George Booth* & Gen. *Monk* for the King.
1660	12	26	King *Charles* II. joyfully reſto ed.
1661	13	25	King *Charles* II. Crowned, April 23.
1662	14	24	Married to Queen *Katherine.*
1663	15	23	King and Queen at *Windſor.*
1664	16	22	Three blazing Stars ſeen.
1665	17	21	97351 die, of the Plague 68586.
1666	18	20	13200 Houſes burnt in *London.*
1667	19	19	The *Dutch* Hoſtile Treaty.
1667	19	19	E. of *Clarindon* baniſh. *Abr. Cowley* died.
1669	21	17	Prince of *Tuſcany* arrived in *England.*
1670	22	16	Dutcheſs of *Orleance* died.
1671	23	14	Dutch. of *York* & E. of *Mancheſter* died.
1672	24	12	War proclaimed with *Holland* by *Engliſh* and *French.* Earl of *Sandwich* ſlain.
1673	25	13	Sr *Edward Spragg* ſlain at Sea.
1676	28	10	600 Houſes burnt in *Southwark.*
1677	29	9	Prince of *Orange* married to the L. *Mary.*
1678	30	8	Sr *Edmund-Bury Godfry* murdered.
1680	32	6	A great Comet.
1682	34	4	Another Comet.
1684	36	2	A great 13 weeks froſt, with a Fair kept upon the frozen *Thames.*
1685	K. *James* the II. began *Febr.* 6. The King and		
	1	1	Queen Crowned *April* 23.

Last quarter the 7 day, 12 min. past 1 after noon.
New moon the 14 day, 2 in the morning.
First quarter the 21 day, 50 min. past 8 in the morn.
Full moon the 29 day, 12 min. past 10 before noon.

1	a	Circumcision	21	52	Leo	11	
2	b	Octab. Steph.	22	53		23	
3	c	2 after Christ.	23	54	Virgo	5	
4	d	Octab Innoc.	24	55		18	Cold, cloudy,
5	e	Simeon	25	56	Libra	1	and frosty.
6	f	Epiphany	26	57		14	
7	g	Julian	27	59		27	
8	a	Erhardus	29	0	Scorp.	11	
9	b	Marcelline	0	2		25	△ ☉ ♄.
10	c	1 aft. Epiph.	1	3	Sagit.	9	
11	d	Hyginus	2	4		24	☽ ♅.
12	e	Satyrius	3	5	Capr.	9	☽ Perigæon.
13	f	Hilary Bish.	4	6		24	△ ☿ ♀.
14	g	Felix	5	7	Aquar.	9	☌ ♄ ♂.
15	a	Maurice B.	6	8		24	Not very
16	b	Marcellus	7	9	Pisces	8	cold consider-
17	c	2 aft. Epiph.	8	10		22	ring the sea-
18	d	Prisca	9	11	Aries	6	son.
19	e	Pontion	10	12		19	
20	f	Octab. Hilar.	11	13	Taur.	1	☌ ☉ ♀.
21	g	Agnes	12	14		14	Very cold
22	a	Vincent	13	15		26	☌ ♄ ♀.
23	b	Term begins	14	16	Gem.	8	✶ ☌ ♀.
24	c	3 aft. Epiph.	15	17		19	☽ ☊
25	d	Conv. S. Paul	16	18	Canc.	1	with snow.
26	e	Polycarpus	17	18		13	✶ ♀ ♀.
27	f	Quind. Hilar.	18	19		25	☽ Apogæon.
28	g	Valerius	19	20	Leo	7	Cold abated
29	a	Carol. mag	20	21		20	now.
30	b	K. Ch. 1. mart.	21	21	Virgo	2	
31	c	Septuagesima	22	22		15	☒ ☉ ♅.

When once it happens that the force of cold
Congeals the whole Cloud; then may we behold
In silver flakes a heavenly wooll to fall,
Then Fields seem grass less, Forests leaf-less all.

January 1686.

1	8	4	3	56	
2	8	3	3	57	
3	8	2	3	58	
4	8	0	4	0	
5	7	59	4	1	
6	7	58	4	2	
7	7	57	4	3	
8	7	55	4	5	
9	7	54	4	6	
10	7	52	4	8	
11	7	51	4	9	
12	7	50	4	10	
13	7	48	4	12	*Cambridge* Term begins the 23 day.
14	7	47	4	13	
15	7	46	4	14	
16	7	45	4	15	
17	7	44	4	16	
18	7	42	4	18	
19	7	40	4	20	
20	7	38	4	22	
21	7	36	4	24	
22	7	34	4	26	
23	7	32	4	28	
24	7	30	4	30	
25	7	28	4	32	
26	7	26	4	34	
27	7	24	4	36	
28	7	22	4	38	
29	7	20	4	40	
30	7	18	4	42	
31	7	16	4	44	

Sun-rising. Sun-setting.

February hath xxviii days.

Last quarter the 5 day, 58 min. past 7 at night.
New moon the 12 day, 27 min. past 1 after noon.
First quarter the 21 day, 38 min. past 3 in the morn.
Full moon the 28 day, 21 min. past 4 in the morning.

M.D.	W.D.	Festival days with terms.	☉ place d.	m.	Moons place.		
1	d	Bridget fast	23	23	Virgo	28	
2	e	Purification	24	23	Libra	11	Very cold
3	f	Crast. Purif.	25	24		24	sharp weather
4	g	Gilbert	26	24	Scorp.	8	begins the
5	a	Agatha	27	25		21	month.
6	b	Dorothy	28	26	Sagit.	5	☽ ☋
7	☾	Sexagesima	29	26		19	
8	d	Salome	0♓	26	Capr.	4	
9	e	Octab. Purif.	1	27		18	☽ Perigæon.
10	f	Scholastica	2	27	Aquar.	3	
11	g	Euphrosina	3	28		18	
12	a	Term ends	4	28	Pisces	2	Fine pleasant
13	b	Wolstan	5	28		16	weather with
14	☾	Shrove Sund.	6	29	Aries	0	brisk winds.
15	d	Faustine	7	29		14	
16	e	Shrovetuesd.	8	29		27	
17	f	Ash wednesd.	9	29	Taur.	10	
18	g	Concordia	10	29		22	☽ ☊.
19	a	Sim. Ap.	11	29	Gem.	4	
20	b	Mildred	12	30		16	Tempestuous
21	☾	1 Sun. in Lent.	13	30		27	with rain or
22	d	Cathedr. Pet.	14	30	Canc.	9	☽ Apogæon.
23	e	Serenus fast	15	30		21	snow.
24	f	S. Matthias	16	30	Leo	3	
25	g	S. Paul	17	30		16	□ ♃ ☿.
26	a	Victor	18	29		28	
27	b	Nestor	19	29	Virgo	11	
28	☾	2 sun. in Lent	20	29		24	

We ſuffer day continual, and the ſnow
Makes a little night become noon day now:
Sol in vain we revoke with our wiſhes;
Inſtead of flowers he·e's ſhivering winter dreſſes.

February 1686.

	Sun-riſing.		Sun-ſetting.	
1	7	14	4	46
2	7	12	4	48
3	7	10	4	50
4	7	8	4	52
5	7	6	4	54
6	7	4	4	56
7	7	2	4	58
8	7	0	5	0
9	6	59	5	1
10	6	57	5	3
11	6	55	5	5
12	6	54	5	6
13	6	52	5	8
14	6	50	5	10
15	6	48	5	12
16	6	46	5	14
17	6	45	5	15
18	6	43	5	17
19	6	41	5	19
20	6	40	5	20
21	6	38	5	22
22	6	36	5	24
23	6	34	5	26
24	6	32	5	28
25	6	30	5	30
26	6	28	5	32
27	6	27	5	33
28	6	25	5	35

Commencement for Batchelours in Arts the 18 day.

Last quarter the 7 day, 40 min. past 6 in the morn.
New moon the 14 day, 3 min. past 2 in the morn.
First quarter the 21 day, 2 min. past 11 at night.
Full moon the 29 day, 57 min. past 6 at night.

1	d	David Bish.	21	29	Libra	7	High winds	
2	e	Chad Bish.	22	29		21	☌ ☉ ♆.	
3	f	Lucius	23	28	Scorp.	4	✶ ☿ ☿.	
4	g	Adrian	24	28		18	and cold.	
5	a	Eusebius	25	28	Sagit.	2	☽ ♅.	
6	b	Frederick	26	27		16	☌ ☉ ♄.	
7	c	3 sun in Lent	27	27	Capr.	0	✶ ♂ ☿.	
8	d	Cyprian	28	26		14	☽ Perigæon.	
9	e	Prudent.	29	26		28	with rain or	
10	f	Sun in Aries	0 ♈	25	Aquar.	13	snow.	
11	g	Cuthbert	1	25		27		
12	a	Gregory	2	24	Pisc.	11	Right March	
13	b	Ernestus	3	23		25	weather.	
14	c	Midlent Sund.	4	23	Aries	9		
15	d	Longinus	5	22		22		
16	e	Boniface B.	6	21	Taur.	15	△ ♅ ☿.	
17	f	Gertrude	7	20		17		
18	g	Gabriel	8	19	Gem.	10	☌ ♄ ☿.	
19	a	Joseph	9	18		12	☽ ☊.	
20	b	Rupert	10	18		24		
21	c	5 Sun in Lent	11	17	Canc.	5	☽ Apogæon.	
22	d	Paulinus	12	16		17		
23	e	Theodore	13	15		29	Mild though	
24	f	Mutrine fast	14	13	Leo	11	tempestuous.	
25	g	Annunciation	15	12		24		
26	a	Castulus	16	11	Virgo	6		
27	b	Archibald	17	10		19	☌ ♅ ☌.	
28	c	Palm Sunday	18	9	Libr.	2		
29	d	Eustachius	19	8		16		
30	e	Guido	20	6	Scorp.	0		
31	f	Balbina	21	5		14	☌ ☉ ☿.	

Now churlish winds with whisking brooms do sweep,
The Cloudy curtains of Heavens Stages deep,
And with hotter sighs they do dry ground,
Which late was by cold winter's surges drown'd.

March 1686.

		Sun-rising		Sun-setting
1	6	20	5	40
2	6	18	5	42
3	6	15	5	45
4	6	13	5	47
5	6	11	5	49
6	6	8	5	52
7	6	6	5	54
8	6	4	5	56
9	6	2	5	58
10	6	0	6	0
11	5	58	6	2
12	5	56	6	4
13	5	54	6	6
14	5	52	6	8
15	5	50	6	10
16	5	48	6	12
17	5	46	6	14
18	5	44	6	16
19	5	42	6	18
20	5	40	6	20
21	5	38	6	22
22	5	36	6	24
23	5	34	6	26
24	5	32	6	28
25	5	30	6	30
26	5	28	6	32
27	5	26	6	34
28	5	24	6	36
29	5	22	6	38
30	5	20	6	40
31	5	18	6	42

The latter Act the 18 day.

Cambridge Term ends the 26 day.

April hath xxx days.

Last quarter the 5 day, 8 min. past noon.
New moon the 12 day, 33 min. past 4 afternoon.
First quarter the 20 day, 14 min. past 5 afternoon.
Full moon the 28 day, 2 min. past 3 in the morning.

1	g	Conv. S. P.	22	3	Scorp.	28	△ ♄ ♂.
2	a	Good friday	23	2	Sagit.	12	☽ cum ♆
3	b	Christian fa.	24	1		27	☌ ☿ ☿.
4	c	Easter day	24	59	Capr.	11	☽ Perig.
5	d	Vincent	25	58		25	☌ ☉ ☿,
6	e	Sixtus Bish.	26	56	Aquar.	9	Windy at
7	f	Celestine	27	55		23	the beginning
8	g	Dionysius	28	53	Pisces	7	& seasonable
9	a	Albinus	29	52		20	weather fol-
10	b	Ezechiel	0 ♉	50	Aries	4	lowing.
11	c	Low Sunday	1	48		17	
12	d	Julius	2	47	Taur.	0	
13	e	Zenon	3	45		13	
14	f	Olyste	4	43		25	☌ ☤ ☿.
15	g	Olympia	5	41	Gem.	8	☽ ☊.
16	a	Isidore	6	39		19	△ ♄ ☿.
17	b	Inicetus	7	38	Canc.	2	Tempestuous
18	c	2 after Easter	8	36		13	☽ Apogæon.
19	d	Quind. Pasc.	9	34		25	but not very
20	e	Victor	10	32	Leo	7	hot.
21	f	Term begins	11	30		19	
22	g	Emmanuel	12	28	Virgo	1	
23	a	S. George	13	26		14	
24	b	Albertus	14	24		27	
25	c	S. Mark	15	21	Libra	11	Windy with
26	d	Tres Pasch.	16	19		24	thunder.
27	e	Anastasius	17	17	Scorp.	9	
28	f	Vitalis	18	15		23	☌ ☿ ☤.
29	g	Sibylla	19	13	Sagit.	8	
30	a	Josua	20	10		22	

Now the boiſterous Wind, with ſtormy puff
Juſtling the Clouds with mutual counter-buff
Doth break their brittle ſides, & make them ſhatter
In driſling ſhowers their ſwift diſtilling water.

April 1686.

	Sun-riſing.		Sun-ſetting.	
1	5	16	6	44
2	5	14	6	46
3	5	12	6	48
4	5	10	6	50
5	5	8	6	52
6	5	6	6	54
7	5	4	6	56
8	5	2	6	58
9	5	0	7	0
10	4	58	7	2
11	4	56	7	4
12	4	54	7	6
13	4	52	7	8
14	4	50	7	10
15	4	48	7	12
16	4	46	7	14
17	4	45	7	15
18	4	43	7	17
19	4	41	7	19
20	4	39	7	21
21	4	38	7	22
22	4	36	7	24
23	4	34	7	26
24	4	33	7	27
25	4	32	7	28
26	4	30	7	30
27	4	28	7	32
28	4	26	7	34
29	4	25	7	35
30	4	23	7	37

Cambridge Term begins the 14 day.

May hath xxxi days.

Laſt quarter the 4 day, 42 min. paſt 5 after noon.
New moon the 12 day, 10 min. paſt 4 in the morn.
Firſt quarter the 26 day, 19 min. paſt 9 in the morn.
Full moon the 27 day, 1 min. paſt 11 before noon.

1	♄	Phil. & James	21	8	Capr.	7		
2	☾	4 ſun. aft. Eaſt.	22	6		21	☽ Perigæon.	
3	♂	Ment. Paſch.	23	3	Aquar.	6	☌ ☉ ♄.	
4	♀	Ambroſe	24	1		20	Cold and	
5	☿	Martian	24	59	Piſces	3	cloudy.	
6	♃	Joh. port. L.	25	56		17		
7	♈	Joh of Bev.	26	54	Aries	☉		
8	♄	Appar. Mic.	27	51		13		
9	☾	Rogation Sun.	28	49		26	✱ ♂ ♀.	
10	♂	Quinq; Paſch.	29	11 47	Taur.	9	High winds	
11	♀	Anthony	0	44		21	with rain.	
12	☿	Acheley	1	41	Gem.	4		
13	♃	Aſcenſion day	2	39		16	□ ♄ ♂. ☽ ☊.	
14	♈	Fortuna	3	36		28		
15	♄	Sophia	4	34	Canc.	10		
16	☾	Sun. aft. aſcen.	5	31		22	☽ Apogæon.	
17	♂	Term ends	6	29	Leo	3		
18	♀	Bernardine	7	26		15		
19	☿	Sarah	8	23		27		
20	♃	Bernard	9	20	Virgo	10	♂ ☉ ☿.	
21	♈	Julian. Virg.	10	18		22		
22	♄	Helen Q.	11	15	Libra	5	Dry weather	
23	☾	White-ſunday	12	12		19	& temperate	
24	♂	Ether	13	10	Scorp.	2	as to heat.	
25	♀	Aug. of Eng.	14	7		17		
26	☿	Ember week	15	4	Sagit	1	☽ ☋.	
27	♃	Beda	16	1		16		
28	♈	Monica	16	58	Capr.	1		
29	♄	K. Ch. 2. Nat.	17	56		16		
30	☾	Trinity Sunday	18	53	Aquar.	1	☽ Perigæon.	
31	♂	Craſt. Trin.	19	50		16		

Now *Zephirus* begins to buſs his *Flora*,
And ſwift-wing'd ſingers to ſalute *Aurora*
Now wanton *Cupid* through this univerſe,
With pleaſing wounds all Creatures hearts doth pierce.

May 1686.

	Sun-riſing		Sun-ſetting	
1	4	22	7	38
2	4	21	7	39
3	4	19	7	41
4	4	17	7	43
5	4	16	7	44
6	4	14	7	46
7	4	13	7	47
8	4	11	7	49
9	4	9	7	51
10	4	7	7	53
11	4	6	7	54
12	4	5	7	55
13	4	4	7	56
14	4	2	7	58
15	4	1	7	59
16	4	0	8	0
17	3	59	8	1
18	3	58	8	2
19	3	57	8	3
20	3	56	8	4
21	3	55	8	5
22	3	54	8	6
23	3	53	8	7
24	3	52	8	8
25	3	51	8	9
26	3	50	8	10
27	3	49	8	11
28	3	48	8	12
29	3	47	8	13
30	3	46	8	14
31	3	45	8	14

Laſt quarter the 3 day, 51 min. paſt midnight.
New moon the 10 day, 17 min. paſt 9 at night.
Firſt quarter the 18 day, 43 min. paſt 11 at night.
Full moon the 25 day, 56 min. paſt 5 afternoon.

1	f	Nicomede	20	47	Piſces	0		
2	g	Marcellus	21	44		14	☌ ♂ ♀.	
3	a	*Corpus Chriſti*	22	41		27		
4	b	Term begins	23	38	Aries	10	☐ ☉ ♄.	
5	c	Boniface	24	36		23	Temperate	
6	d	1 ſun. af. Trin.	25	33	Taur.	6	with ſtorms	
7	e	Octab. Trin.	26	30		18	of hail and	
8	f	William	27	27	Gem.	0	thunder.	
9	g	Tr. Edmund	28	24		13	☽ ☊.	
10	a	Margaret	29	21		25	♂ ♃ ♀.	
11	b	S. Barnabas	0	♋ 18	Canc.	6		
12	c	Blandina	1	15		18	☽ Apog.	
13	d	2 ſun. af. Trin.	2	12	Leo	0	△ ♃ ♂.	
14	e	Quind. Trin.	3	9		12	Fine clear	
15	f	Modeſt.	4	6		24	weather with	
16	g	Tr. Richard	5	3	Virg.	6	wholeſom	
17	a	Botolph	6	0		18	gales of	
18	b	Gervaſius	6	57	Libra	1	wind.	
19	c	Oroth	7	55		14		
20	d	3 after Trin.	8	52		27		
21	e	Tres Trin.	9	49	Scorp.	11	△ ♄ ♀.	
22	f	Alban	10	46		25		
23	g	Term ends faſt	11	43	Sagit.	10	☽ cum ♆.	
24	a	S. John Bapt.	12	40		24	△ ☉ ♃.	
25	b	Eloyus	13	37	Capr.	10	☒ ♄ ☿.	
26	c	Jeremias	14	34		25	☽ Perigæon.	
27	d	4 after Trin.	15	31	Aquar.	10	Haſty ſhowers	
28	e	Leo Biſh. faſt	16	28		25	with thunder.	
29	f	S. Peter Apo.	17	25	Piſces	10		
30	g	Com. S. Paul	18	22		24	☌ ♄ ♂.	

When backward bent *Phlegon* thy fiery Steed
With *Cancer*, *Leo*, and the Maid doth feed; *Ceres*
Th' Earth cracks with heat, the Summer crowns his
With gilded Ears as yellow as his hair is.

June 1686.

	Sun-rising.		Sun-setting.	
1	3	46	8	14
2	3	45	8	15
3	3	45	8	15
4	3	45	8	15
5	3	44	8	16
6	3	44	8	16
7	3	44	8	16
8	3	43	8	17
9	3	43	8	17
10	3	43	8	17
11	3	43	8	17
12	3	43	8	17
13	3	43	8	17
14	3	43	8	17
15	3	43	8	17
16	3	44	8	16
17	3	44	8	16
18	3	44	8	16
19	3	45	8	15
20	3	45	8	15
21	3	45	8	15
22	3	46	8	14
23	3	46	8	14
24	3	46	8	14
25	3	47	8	13
26	3	47	8	13
27	3	48	8	12
28	3	49	8	11
29	3	50	8	10
30	3	51	8	9

July hath xxxi days.

Last quarter the 2 day, 6 min. past 11 beforenoon.
New moon the 10 day, at noon.
First quarter the 18 day, 58 min. past 9 beforenoon.
Full moon the 25 day, 41 min. past 12 in the morn.

1	♃	Theobald	19	19	Aries	7	
2	a	Visit. Mary	20	17		20	Very hot
3	b	Cozmelius	21	14	Taur.	3	now with
4	☾	5 after Trin.	22	11		15	thunder.
5	d	Anselme	23	8		27	△ ☿ ♀.
6	e	Oct. Peter	24	5	Gem.	9	☽ cum ♂.
7	f	Transf. Mech.	25	2		21	✶ ☉ ♄.
8	♃	Demetrius	25	59	Canc.	3	
9	a	Cyrillus	26	57		15	
10	b	7 Brethren	27	54		27	☽ Apogæon.
11	☾	6 after Trin.	28	51	Leo	9	✶ ♄ ♀.
12	d	Henricus	29	48		21	Tempestuous
13	e	Sun in Leo	0	♌45	Virgo	3	☌ ☉ ♀.
14	f	Bonavent.	1	43		15	☌ ☌ ♀.
15	♃	Swithin	2	40		28	but not very
16	a	Hilarine	3	37	Libra	10	hot.
17	b	Alexius	4	34		23	
18	☾	7 after Trin.	5	32	Scorp.	6	☌ ☉ ♄.
19	d	Dog days beg.	6	29		20	☐ ☿ ♀.
20	e	Margarit	7	26	Sagit.	4	☽ ♃.
21	f	Daniel	8	24		18	Very hot
22	♃	Mary Mag.	9	21	Capr.	3	☐ ♄ ♀.
23	a	Apolline B.	10	19		18	☽ Perigæon.
24	b	Christina fast	11	16	Aquar.	3	with thunder.
25	☾	S. James Apo.	12	13		19	
26	d	Anna	13	11	Pisces	4	
27	e	Sev. Sleep.	14	8		18	□ ☉ ☿.
28	f	Panthaleon	15	6	Aries	3	High winds
29	♃	Beatrix	16	3		16	with rain.
30	a	Abdon	17	1		29	
31	b	Germans	17	58	Taur.	12	□ ☿ ☌.

Now the heavenly Dog-ſtar dries the fields
Scorches the vallies, parches up the Hills,
And often times into our panting hearts,
The bitter fits of burning Feavers darts.

	Sun-riſing		Sun-ſetting	
1	3	53	8	7
2	3	54	8	6
3	3	55	8	5
4	3	56	8	4
5	3	57	8	3
6	3	58	8	2
7	3	59	8	1
8	4	0	8	0
9	4	1	7	59
10	4	3	7	57
11	4	4	7	56
12	4	5	7	55
13	4	7	7	53
14	4	8	7	52
15	4	10	7	50
16	4	11	7	49
17	4	13	7	47
18	4	15	7	45
19	4	17	7	43
20	4	19	7	41
21	4	21	7	39
22	4	22	7	38
23	4	24	7	36
24	4	26	7	34
25	4	27	7	33
26	4	29	7	31
27	4	30	7	30
28	4	32	7	28
29	4	33	7	27
30	4	35	7	25
31	4	37	7	23

July 1686.

The 6 day is Commencement Tueſday.

Cambridge Term ends the 9 day.

August hath xxxi days.

Last quarter the 1 day, 13 min. past 2 in the morn.
New moon the 9 day, 8 min. past 3 in the morn.
First quarter the 16 day, 16 min. past 4 afternoon.
Full moon the 23 day, 51 min. past 8 in the morn.
Last quarter the 30 day, 3 min. past 4 afternoon.

1	C	9 after Trin.	18	56	Taur.	24	
2	D	Stephanus	19	54	Gem.	6	☽ cum ☊.
3	E	Invent. Step.	20	51		18	✶ ☿ ☿.
4	F	Dominick	21	49	Canc.	0	Temperate
5	G	Fest Nivis	22	47		12	clear weather.
6	a	Transf. Christi	23	44		24	✶ ♀ ☿.
7	b	Donatus	24	42	Leo	6	△ ♀ ☿.
8	C	10 after Trin.	25	40		18	☽ Apogæon.
9	D	Romanus	26	37	Virg.	0	
10	E	S. Laurence	27	35		12	High winds
11	F	Gilbert B.C.	28	33		25	with rain,
12	G	Clare Virg.	29	31	Libra	7	and some-
13	a	Sun in Virgo	0	♍ 29		20	thing hot.
14	b	Eusebius	1	27	Scorp.	3	
15	C	11 after Trin.	3	25		16	
16	D	Roch	3	23	Sagit.	0	☌ ♍ ☿.
17	E	Oct. Laur.	4	21		13	☽ cum ♆.
18	F	Helena Emp.	5	19		28	
19	G	Sebaldus	6	17	Capr.	12	
20	a	Bernard	7	15		27	✶ ♄ ♀.
21	b	Athanasius	8	13	Aquar.	12	☽ Perigæon.
22	C	12 after Trin.	9	11		27	Tempestuous
23	D	Zacheus fast	10	9	Pisces	12	with rain
24	E	S. Bartholom.	11	8		26	toward the
25	F	Lewis King	12	6	Aries	11	end.
26	G	Irenæus	13	4		24	
27	a	Dog days end	14	3	Taur.	7	
28	b	Augustine	15	1		20	
29	C	13 after Trin.	15	59	Gem.	3	☽ cum ☊.
30	D	Felix	16	58		15	
31	E	Cuthburge	17	56		27	✶ ☉ ♆.

Now violent ſtorms ſometimes (alas!) do proin
without a Knife our Orchard and our Vine,
Reap without Sickle, beat down Birds and Cattle,
Diſgrace our Woods, and make our Roofs to rattle.

Auguſt 1686.

	Sun-riſing.		Sun-ſetting.	
1	4	38	7	22
2	4	39	7	21
3	4	41	7	19
4	4	43	7	17
5	4	44	7	16
6	4	46	7	14
7	4	48	7	12
8	4	50	7	10
9	4	52	7	8
10	4	54	7	6
11	4	56	7	4
12	4	58	7	2
13	5	0	7	0
14	5	2	6	58
15	5	4	6	56
16	5	6	6	54
17	5	8	6	52
18	5	10	6	50
19	5	12	6	48
20	5	14	6	46
21	5	16	6	44
22	5	18	6	42
23	5	20	6	40
24	5	22	6	38
25	5	24	6	36
26	5	26	6	34
27	5	28	6	32
28	5	30	6	30
29	5	32	6	28
30	5	34	6	26
31	5	36	6	24

September hath xxx days.

New moon the 7 day, 59 min. past 5 afternoon.
First quarter the 15 day, 16 min. past 1 in the morn.
Full moon the 21 day, 47 min. past 6 at night.
Last quarter the 29 day, at 10 in the morning.

1	f	Giles Abbot	18	55	Canc.	9	✱ ☿ ☿.
2	g	Stephen	19	53		20	☽ Apogæon
3	a	Euphem.	20	52	Leo	2	Good season-
4	b	Theodosius	21	50		14	able weather
5	c	14 aft. Trin.	22	49		27	☐ ☿ ☿.
6	d	Magnus	23	48	Virgo	9	begins the
7	e	Regins	24	46		21	month.
8	f	Nat. of Mary	25	45	Libra	4	
9	g	Gorgon	26	44		17	
10	a	Hosthenes	27	43	Scorp.	0	
11	b	Theobald	28	42		13	Cold gloomy
12	c	15 after Trin.	29	40		27	weather with
13	d	Amatus	0	39	Sagit.	10	☽ ☿.
14	e	Holy Cross	1	38		24	rain.
15	f	Ember week	2	37	Capr.	8	☌ ☉ ♄.
16	g	Euphemus	3	36		22	☽ Perigæon.
17	a	Lambert	4	35	Aquar.	7	
18	b	Ferriolus	5	34		21	
19	c	16 after Trin.	6	34	Pisces	6	
20	d	Fausta	7	33		20	☌ ☉ ☿.
21	e	S. Matthew	8	32	Aries	4	
22	f	Maurice	9	31		19	Cloudy with
23	g	Isaac	10	30	Taur.	2	high winds
24	a	Rupert	11	30		16	☌ ♄ ☿,
25	b	Cleophas	12	29		28	with rain.
26	c	17 after Trin.	13	29	Gem.	11	☽ ☊.
27	d	Judith	14	28		23	
28	e	Ereupere	15	27	Canc.	5	
29	f	S. Michael	16	27		17	
30	g	Jerome	17	26		29	☽ Apogæon.

When from the Mid-heaven *Sol*'s bright flame doth fly
Towards the Cross-Stars in the Antartick sky,
The Earth by degrees her lovely beauty bates,
Pomona loads her lap with delicates;

	Sun-rising.		Sun-setting.	
1	5	38	6	22
2	5	40	6	20
3	5	42	6	18
4	5	44	6	16
5	5	46	6	14
6	5	48	6	12
7	5	50	6	10
8	5	52	6	8
9	5	54	6	6
10	5	56	6	4
11	5	58	6	2
12	6	0	6	0
13	6	2	5	58
14	6	4	5	56
15	6	6	5	54
16	6	8	5	52
17	6	10	5	50
18	6	12	5	48
19	6	14	5	46
20	6	16	5	44
21	6	18	5	42
22	6	20	5	40
23	6	22	5	38
24	6	24	5	36
25	6	26	5	34
26	6	28	5	32
27	6	30	5	30
28	6	32	5	28
29	6	34	5	26
30	6	36	5	24

September 1686.

Sturbridge Fair begins the 8 day.

October hath xxxi days.

New moon the 7 day, 2 min. past 8 in the morn.
First quarter the 14 day, 19 min. past 7 in the morn.
Full moon the 21 day, 23 min. past 7 in the morn.
Last quarter the 29 day, 18 min. past 6 in the morn.

1	a	Remigius	18	26	Leo	10	
2	b	Leodegar	19	26		22	✶ ☿ ☌.
3	c	18 after Trin.	20	25	Virgo	5	
4	d	Francis	21	25		17	✶ ☿ ♀.
5	e	Apollinarii	22	25	Libra	0	☌ ☍ ♀.
6	f	Faith	23	24		13	☌ ♄ ♀.
7	g	Hope	24	24		26	Very wet
8	a	Priscis	25	24	Scorp.	9	weather.
9	b	Dionysius	26	24		23	
10	c	19 after Trin.	27	24	Sagit.	7	☽ ☋.
11	d	Burchard	28	24		21	Cold and
12	e	Wilfride V.	29	24	Capr.	5	cloudy.
13	f	Edward	0 ♏	24		19	☌ ♄ ♀.
14	g	K. Jam. 2. Born	1	24	Aquar.	3	☽ Perigæon.
15	a	Hedwig.	2	24		17	with a little
16	b	Gallus	3	24	Pisces	1	frost.
17	c	20 after Trin.	4	24		16	
18	d	S. Luke Evan.	5	24	Aries	0	
19	e	Frideswide	6	24		13	
20	f	Tres Mich.	7	25		27	
21	g	Ursula	8	25	Taur.	10	
22	a	Cordula	9	25		23	☽ ☊.
23	b	Term begins	10	26	Gem.	6	☌ ♄ ☍.
24	c	21 after Trin.	11	26		19	Violent
25	d	Crispine	12	27	Canc.	1	showers, but
26	e	Amandus	13	27		13	not very cold
27	f	Mens. mich. fa.	14	28		25	considering
28	g	Sim. & Jude	15	28	Leo	7	☽ Apogæon.
29	a	Narcissus	16	29		18	the season.
30	b	German	17	29	Virgo	0	
31	c	22 after Trin.	18	29		12	

Her Apron full, and Oſiar basket both
With dainty Fruits for her deer *Autumnus* tooth
(Her health-leſs Spouſe) who bare-foot hops about
To tread the juice of *Bacchus* cluſters out.

		Sun-riſing.		Sun-ſetting.
1	6	39	5	21
2	6	41	5	19
3	6	43	5	17
4	6	45	5	15
5	6	47	5	13
6	6	49	5	11
7	6	50	5	10
8	6	52	5	8
9	6	54	5	6
10	6	56	5	4
11	6	58	5	2
12	7	0	5	0
13	7	2	4	58
14	7	4	4	56
15	7	6	4	54
16	7	8	4	52
17	7	10	4	50
18	7	12	4	48
19	7	14	4	46
20	7	15	4	45
21	7	17	4	43
22	7	19	4	41
23	7	20	4	40
24	7	22	4	38
25	7	24	4	36
26	7	25	4	35
27	7	27	4	33
28	7	29	4	31
29	7	30	4	30
30	7	32	4	28
31	7	33	4	27

October 1686.

Cambridge Term begins the 10 day, and then the *Proctours*, *Taxours* and *Scrutatours* are choſen.

Magna Congregatio, or Black Aſſembly the 22 day.

New moon the 5 day, 17 min. past 9 at night.
First quarter the 12 day, 14 min. past 2 afternoon.
Full moon the 19 day, 25 min. past 11 at night.
Last quarter the 28 day, 31 min. past 2 in the morn.

1	0	All Saints	19	30	Virgo	25		
2	e	All Souls	20	30	Libra	8		
3	f	Craft Anim.	21	31		21	Windy wea-	
4	g	Modestus	22	32	Scorp.	4	ther but dry.	
5	a	Powder Plot	23	32		18		
6	b	Leonard	24	33	Sagit.	2	☽ ☿.	
7	c	23 after Trin.	25	34		16		
8	d	Claudius	26	35	Capr.	1	☌ ☉ ☿.	
9	e	Theodorus	27	35		15		
10	f	Triphon	28	36	Aquar.	0	☽ Perigeon.	
11	g	Martine	29	37		14		
12	a	Craft. Mart.	0 ♐	38		28	☌ ♆ ☿.	
13	b	Eugenia	1	39	Pisces	12	Cold with	
14	c	24 after Trin	2	40		26	froſt and	
15	d	Leopold	3	41	Aries	10	☌ ☉ ☿.	
16	e	Edmund	4	42		23	✱ ♄ ☿.	
17	f	Hugo	5	43	Taur.	6	ſnow.	
18	g	Octab. Mart.	6	44		19		
19	a	Elizabeth	7	45	Gem.	2	☽ Eclipſed.	
20	b	Edmund K.	8	46		14	☽ ☊.)	
21	c	25 after Trin.	9	47		27		
22	d	Cicily Virg.	10	48	Canc.	9	Cloudy dark	
23	e	Clement	11	49		21	weather with	
24	f	Chryſogon.	12	50	Leo	3	☽ Apogæon,	
25	g	Quind. Mart.	13	51		15	cold froſts	
26	a	Conrade	14	52		26	and ſnow.	
27	b	Agricola	15	53	Vi go	8		
28	c	Advent Sund.	16	54		21		
29	d	Term ends	17	55	Libra	3		
30	e	S. Andrew	18	56		16	✱ ☌ ☿.	

Winter comes in a Periwig of ſnow
Her white Freeze mantle freng'd with Ice below,
A pair of Lamb-lin'd buskins on her feet.
So doth ſhe march *Orythias* love to meet.

		Sun-riſing.		Sun-ſetting.
1	7	35	4	25
2	7	37	4	23
3	7	39	4	21
4	7	41	4	19
5	7	43	4	17
6	7	45	4	15
7	7	47	4	13
8	7	49	4	11
9	7	51	4	9
10	7	52	4	8
11	7	54	4	6
12	7	55	4	5
13	7	57	4	3
14	7	59	4	1
15	8	0	4	0
16	8	1	3	59
17	8	2	3	58
18	8	3	3	57
19	8	4	3	56
20	8	5	3	55
21	8	6	3	54
22	8	7	3	53
23	8	8	3	52
24	8	9	3	51
25	8	10	3	50
26	8	11	3	49
27	8	12	3	48
28	8	12	3	48
29	8	13	3	47
30	8	14	3	46

November 1686.

The Vice-chancellour lays down his Office the 3 day.

December hath xxxi days.

New moon the 5 day, 5 min. past 9 in the morn.
First quarter the 12 day, 6 min. past 1 in the morn.
Full moon the 19 day, 17 min. past 5 at night.
Last quarter the 27 day, 22 min. past 9 at night.

1	f	Longinus	19	58	Libra	29	☌ ☿ ♀.	
2	g	Candidus	20	59	Scorp.	12		
3	a	Caſſian	22	0		26	☽ ☍.	
4	b	Barbara	23	2	Sagit.	10	✶ ♄ ♀.	
5	c	2 ſun. in Adv.	24	3		25	Mild at the	
6	d	Nicholas	25	4	Capr.	10	beginning.	
7	e	Agathon	26	5		25	□ ♄ ♀.	
8	f	Concep. Mary	27	7	Aquar.	10	☽ Perigæon.	
9	g	Joachim	28	8		25		
10	a	Miltiades	29	9	Piſces	9		
11	b	Damas	☉	♍ 10		23		
12	c	3 ſun. in Adv.	1	12	Aries	7	Froſty wea-	
13	d	Lucia Virg.	2	13		20	ther with	
14	e	Othlie Virg.	3	14	Taur.	3	ſnow.	
15	f	Ember week	4	16		16		
16	g	O Sapientia	5	17		28	☽ ☊.	
17	a	Gratian	6	18	Gem.	11		
18	b	Lazarus	7	19		23		
19	c	4 ſun. in Adv.	8	21	Canc.	5		
20	d	Amon faſt	9	22		17		
21	e	S. Thomas	10	23		29	☽ Apogæon	
22	f	Theodoze	11	25	Leo	11	□ ☉ ♄.	
23	g	Vigil Virg.	12	26		23	✶ ♄ ♅.	
24	a	Vig. & Ev. faſt	13	27	Virgo	5	Dark gloomy	
25	b	Nat. Chriſti	14	28		17	and cold	
26	c	S. Stephen	15	30		29	weather to	
27	d	S. John Evan.	16	31	Libra	11	the end of	
28	e	H. Innocents	17	32		24	the month.	
29	f	Creſcens	18	34	Scorp.	7	□ ♄ ♀.	
30	g	David	19	35		20	☽ cum ♂.	
31	a	Sylveſter	20	36	Sagit.	4		

And in a fury with his boiſterous wings
Againſt the *Scythian* ſnowy Rocks he flings
All lusk in ſloath: and till cold months do end
Bacchus and *Vulcan* muſt us both befriend.

December 1686.

	Sun-riſing.		Sun-ſetting.	
1	8	14	3	46
2	8	14	3	46
3	8	15	3	45
4	8	15	3	45
5	8	15	3	45
6	8	16	3	44
7	8	16	3	44
8	8	16	3	44
9	8	17	3	43
10	8	17	3	43
11	8	17	3	43
12	8	17	3	43
13	8	17	3	43
14	8	17	3	43
15	8	17	3	43
16	8	16	3	44
17	8	16	3	44
18	8	16	3	44
19	8	15	3	45
20	8	15	3	45
21	8	15	3	45
22	8	14	3	46
23	8	14	3	46
24	8	13	3	47
25	8	12	3	48
26	8	11	3	49
27	8	10	3	50
28	8	9	3	51
29	8	8	3	52
30	8	7	3	53
31	8	6	3	54

Cambridge Term ends the 16 day.

A Regal Table in a more exact manner.

The Year, Month, and Day, (accounting the Year to begin *Jan.* 1.) whereon every K. and Q. of Eng. since the Conq. began their reign.				The number of Years, Months, & Days, that every K. & Q. reign. 28 da. to a mon.						The num. of y. expired in this y. since they began to reign: as also since they ended.			
K. W. Conq.		1066	Octob. 14	20	y	11	m	22	d	620			
W. Rufus		1087	Sept. 9	12	y	1	m	18	d	599	W Conq.		
Henry	1	1100	Auguſt 1	35	y	4	m	11	d	586	W. Rufus		
Stephen		1135	Decem. 2	18	y	11	m	18	d	551	Henry	1	
Henry	2	1154	Octob. 25	34	y	9	m	2	d	532	Stephen		
Richard	1	1189	July 6	9	y	9	m	0	d	427	Henry	2	
John		1199	April 6	17	y	7	m	0	d	487	Richard	1	
Henry	3	1216	Octob. 19	56	y	1	m	0	d	470	John		
Edward	1	1272	Nov. 16	34	y	8	m	6	d	414	Henry	3	
Edward	2	1307	July 7	19	y	7	m	5	d	379	Edward	1	
Edward	3	1327	Jan. 25	50	y	5	m	7	d	359	Edward	2	
Richard	2	1377	June 21	22	y	3	m	14	d	309	Edward	3	
Henry	4	1399	Sept. 29	13	y	6	m	3	d	287	Richard	2	
Henry	5	1413	Marc. 20	9	y	5	m	24	d	273	Henry	4	
Henry	6	1422	Aug. 31	38	y	6	m	16	d	264	Henry	5	
Edward	4	1461	March 4	22	y	1	m	8	d	225	Henry	6	
Edward	5	1483	April 9	0	y	2	m	18	d	203	Edward	4	
Richard	3	1483	June 22	2	y	2	m	5	d	203	Edward	5	
Henry	7	1485	Aug. 22	23	y	10	m	24	d	201	Richard	3	
Henry	8	1509	April 22	37	y	10	m	2	d	177	Henry	7	
Edward	6	1547	Jan. 28	6	y	5	m	19	d	59	Henry	8	
Q. Mary		1553	July 6	5	y	3	m	22	d	33	Edward	6	
Q. Elizab.		1558	Nov. 17	44	y	3	m	15	d	28	Q. Mary		
James	1	1603	Mar. 24	22	y	0	m	3	d	83	Q. Elizab.		
Charles	1	1625	Mar. 27	22	y	10	m	3	d	61	K. James	1	
Charles	2	1649	Jan. 30	36	y	0	m	7	d	37	K. Charles	1	
James	2	1685	Febr 6	Long live the King.							K. Charles	2	

The uſe of the Table in Example.

King *Henry* 8 began his Reign in the year of *Chriſt* 1509, *April* 22 He Reigned 37 years, 10 months and 2 days. It is ſince he began his Reign 177 years compleat the 22 of *April* this year 1686. Now to know the time ſince the end of his Reign, before his name ſtanding on the right hand, you ſhall there find 139 years ſince he died, *Jan.* 28. And ſo of the reſt.

Dove

Dove. 1686.

The latter part of this ALMANACK For the year of our Lord God 1686:

Being the 2d after Biſſextile or Leap-year.

Wherein are contained the Eclipſes, the Suns entrance into the four Cardinal Signs, A Tide-Table, A Table of Weights, and Meaſures both *Engliſh* and Forreign, and of Forreign Coins, alſo Tables of Reverſion for Renewing and Purchaſing of the Leaſes of Cathedral Churches and Colleges with ſeveral other Tables, and uſefull Things.

Quoniam videbo Cœlos tuos opera digitorum tuorum: Lunam & Stellas quæ tu fundaſti, quid eſt homo, quod memor es ejus? aut filius hominis, quoniam viſitas eum. Pſal. 8. 3.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the Univerſity, 1686.

Of the Eclipſes this Year.

THis year there will be but one Eclipſe, and that will be of the Moon, on the 19th day of *November*, at 11 at night, it will be a great Eclipſe, and will be celebrated in 8 degrees of *Gemini* near the *Bull's Eye*, it begins in the Mid-heaven and ends in the 9th houſe. *Jupiter* and *Mercury* beſiege the Sun, and all oppoſe the eclipſed Moon.

There is celebrated this year a notable Conjunction of *Saturn* and *Mars*, in 7 degrees of *Libra*, on *October* the 23 day, and although this Conjunction be of ill influence unto all Places concern'd; yet it will be very delightfull to obſerve the Planets conjoyn'd to riſe near *Arcturus* and the *Virgins Spike*, two hours before the Sun riſes ſeveral mornings together.

The Suns entrance into the four Cardinal Signs this Year.

HE enters ♈, *March* the 10th day, 55 min. paſt 1 in the morning, and then begins our Spring Quarter.

He enters ♋, *June* the 11th day, 46 minutes paſt 2 in the morning, and then begins our Summer Quarter.

He enters ♎, *September* the 12th day, 8 minutes paſt 8 at night, and then begins Autumn.

He enters ♑, *December* the 11th day, 4 min. 8 in the morning, and then begins our Winter Quarter.

A Table ſhewing the time of the Moons coming to the South, and quantity of her ſhining for the ready finding the hour of the night.

The Moons age.		Moons ſouthing and ſhin.		Moons age for her ſett.	
1	16	0	48	1	29
2	17	1	36	2	28
3	18	2	24	3	27
4	19	3	12	4	26
5	20	4	0	5	25
6	21	5	48	6	24
7	22	5	36	7	23
8	23	6	24	8	22
9	24	7	12	9	21
10	25	8	0	10	20
11	26	8	48	11	19
12	27	9	36	12	18
13	28	10	24	13	17
14	29	11	12	14	16
15	30	12	0	15	

The firſt Column of this Table ſhews at what age the Moon riſes after Sun ſetting, or after his riſing, ſo many hours and minutes as the midd'e Column ſhews, as at 2 days old ſhe riſes 1 hour and 36 minutes after the Sun, and at 17 days old ſhe riſes 1 hour and 36 min. after Sun-ſetting, &c. the third Column is for the Moons ſetting, as at 2 days old ſhe ſets 1 hour and 36 min. after the Sun, but at 28 days old ſhe ſets 1 hour and 36 min. before the Sun, &c. the middle Column ſhews how many hours and minutes the Moon ſhines, which from New Moon, to Full Moon is to be uſed with the third Column, ſo for her ſouthing, as at 6 days old ſhe is upon the Meridian 48 m. paſt 5 at night, but at 24 days old ſhe ſouths 48 min. paſt 5 in the morning.

A Table whereby you may find the time of highwater at many Havens in and about England, and how many hours and minutes are to be added to the time of the Moons coming to the South for the time of high water, and likewise what Moon makes a full Sea at those Havens.

South and North		Ho.	M
	Quinborough, Southampton, Portsmouth, Isle of Wight, Spits; Kentish-knock.	0	0
S. by w.	Rochester, Malden, Aberdeen, Redband.	0	45
S. S. w.	Gravesen-Downs, Rumney Tenner, Silly.	1	30
S. w. by S	Dundee, S. Andr. S Lucas, Bell Isle, Holy Isl.	2	15
S. W.	Lond. Tinmout. Hartpool, Whitebay, Amf.	3	0
S. w by w.	Barwic, Flambrough-h. Bridlington-bay.	3	45
W. S. w.	Scarborough. Severn, Mounts bay, Kingsale.	4	30
W. by S.	Newcast. Humber, Falmouth, Dartmout.	5	15
E. and w	Plimouth, Weymou. Hull, Lyn, Antwerp.	6	0
E. by S.	Bristol, Foulnes at the Nart.	6	45
E. S. E.	Milford, Bridgew. Landsen. Waterford.	7	30
SE. by E	Portlan, Peterport, Harflew, Hague, Dubl.	8	15
S. E.	Pool, S. Hellen Orkney, Caines, Mar-Isle,	9	0
SE. by S.	Needles, Lasto, North & South forelands	9	45
S. S. E	Yarmout, Dover, Harwich, Calice-Road	10	30
S by E.	Ry, Winchelsey, Gorce, Thames, Rhodes	11	15

Moons age	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Moon age
	16	17	18	19	20	21	22	23	24	25	29	27	28	2	30	
is South at	12	1	2	3	4	4	5	6	7	8	8	9	10	11	12	H.
	48	36	24	12	0	48	36	24	12	0	48	36	24	12	0	M.

The Tide Table Explained.

IN the first Column you have the point of the Compass to the which the Moon coming maketh full Sea at those Havens mentioned in the second Column, and in the third Column are the hours and minutes to be added to the time of the Moons southing. I shall make it plain by an example.

The

The 27 of *February*, this year 1686, I would know at what hour it will be full Sea at London-bridge. First I find the Moons age in the former part of the Almanack, (accounting it from the Change) to be 15 days old, which age I find at the bottom of the Tide table, and under the same 12 hours, the time of the Moons coming to the South then finding in the first Column that a South-west Moon makes full Sea at *London*, I add to her southing 3 hours as is shewed in the last Column, and it makes 15 hours, from whence I take 12 for midnight and there remains 3 hours in the morning, the time of full Sea at London-Bridge; also observe that when the Moon cometh to the contrary (or North-east) point it is there full Sea again.

A Table shewing the time of Day-break, and Twilight for every 10th day throughout the Year.

Month.	Day-break		Twilight		Month.	Day-break		Twilight	
	h.	m.	h.	m.		h.	m.	h.	m.
Jan. 1	5	54	6	6	*July* 1				
11	5	45	6	18	11	0	42	11	18
21	5	35	6	28	21	1	22	10	38
Feb. 1	5	17	6	43	*Aug.* 1	2	0	10	0
11	5	0	7	0	11	2	21	9	39
21	4	45	7	15	21	3	0	9	0
Mar. 1	4	20	7	40	*Sept.* 1	3	30	8	30
11	3	59	8	1	11	3	59	8	1
21	3	34	8	22	21	4	19	7	41
Apr. 1	3	55	8	55	*Octob.* 1	4	48	7	12
11	2	38	9	22	11	5	10	7	0
21	2	29	9	58	21	5	8	6	42
May 1	1	3	10	30	*Nov.* 1	5	37	6	27
11	0	30	11	30	11	5	45	6	17
21	All Day		No Night		21	5	54	6	6
June 1	&		but		*Dec.* 1	5	57	6	3
11	no Night.		all Day.		11	5	0	6	0
21					21	5	8	6	2

Of the particular Intensions or Remissions of Heat and Cold which happen by the position of the Planets.

THE first consideration that offereth it self, is the place and position of the Planets, who moving under the Zodiack, do for the same Reasons, receive the same increase and abatement of force in their operations, which the Sun doth, in his various position and distance from us, for seeing the power of *Saturn* consisteth chiefly in cold and congealed Meteors, it followeth for an infallible maxim, that we are then pinched with the sharpest and longest Winters, when *Saturn* having surmounted the Æquinoctial, shineth in the Septentrional Signs neareſt over our heads, by means whereof, as the Sun's force begins to grow weak, during his scituation in those Signs, his Cold influence shall prevail still more and more, as well because of his slow motion and long continuance in one place, as also by reason of the more direct projection of his Beams, and great described Ark above the Horizon; in all which Respects his impression must then be most, and the rather because he then becometh neareſt to the Earth, and all light the nearer it is, the more strongly it doth illuminate the Object, and consequently work upon it, as experience testifies, for it hath been observed that when *Saturn* hath been in ♊ or other the most Northern Signs, the Effects of his cold influence were so lasting and hurtfull, as cannot be so easily forgotten: on the contrary, when he's found to be in ♐ or other the most Southern Signs, the Winter is observed to pass away without considerable Cold, because in the Northern Signs he's neareſt, and in the Southern furtheſt from our Earth, and so consequently strongest or weakeſt in operation. Judge the like of the other Planets.

Next the scituation and place of the Planets, that intension and remission of Heat and Cold which happeneth

penneth by the motion of the Planets, is to be conſide.ed. Not that the diverſity of motions altereth the the Nature of the Planets, which is ever the ſame, but becauſe in regard hereof they work not after one manner in every place, nor yet alike in the ſame place at the ſame poſition, but diverſly in all places, as the force of their operation is increaſed or diminiſhed through this diverſity of their particular motions, and then diverſly applyed by the diurnal Revolution of the Heavens unto the matter of ſublunary things. For as is evident to thoſe that are acquainted with the Theoricks, the Centre of their Orbs differing from the Center of the World, cauſeth them in reſpect of us to move irregularly, as ſometimes Direct, or according to the ſucceſſion of the Signs; ſometimes Retrograde, or againſt their order; their motion alſo for the ſame reaſon being ſometimes ſwift ſometimes ſlow, and ſometimes nothing at all but Stationary. Which great diverſity muſt of neceſſity cauſe variety in manner of their operation, for as the motion of a Planet that is Direct, doth greatly avail to his long ſtay and continuance above the Horizon, in that it comprehendeth more than one intire period of the Æquinoctial in his Diurnal Revolution: ſo that Planet which is Retrograde ſeemeth not onely to forſake his own natural courſe, but alſo he is eſteemed purpoſely to refuſe that opportunity of ſtreng hning his operation by long continuance above the Horizon, which by holding on a Direct courſe he doth obtain, yet notwithſtanding, it is to be obſerved that a Retrograde Planet, doth by means of this Paſſion, paſs, return, and repaſs, the ſame ſmall Ark of the Zodiack thrice in few days, whereby the former loſs which he ſufferreth through the interruption of his diurnal Ark, is as it were treble recompenſed by this threefold reiteration of the ſame courſe.

The next is intenſion and remiſſion by Configurations or Aſpects of the Stars, which cauſe favoreth nothing of Matter, but hath onely conſideration of form, not

ſo much reſpecting the ſtreight Beams of Light which flow from every Star, as valuing and eſteeming how their Beams meet at the Earth between us and their Light; but when they are hidden under the Earth or Horizon, and ſeem above the ſame, it maketh the Efficacy of the Stars more notable over all the World than at other times. Which kind of operation, if the Stars be ſwift in motion, is in a manner but momentary; for that the Geometrical Angle being changed into another improportionable and improper, immediately or not long after, this efficacy alſo ceaſeth, though the light of the Star at that time change to increaſe: for which cauſe the Aſpects of the Moon with other Planets are not ſo much to be regarded in the alteration of the weather, as the Configurations of the Planets amongſt themſelves, or with the fixed Stars, whoſe motion being ſlow in reſpect of the Moons, doth not ſo ſuddenly vary the angle of their Configuration at the Earth. From hence it is that thoſe Arks or Portions of the Heaven allotted unto the Aſpects are not ſo much eſteemed in Aſtrological Judgements. For although, in all ſcituations the Stars ſend forth their Beams unto all the parts of Heaven and Earth which they behold, by means whereof the Beams and Lines of true motion in every two Stars do retain a mutual reſpect one to another, and ſo do evermore intercept ſome Ark of Heaven, and concur at ſome Angle of the Earth, which may ſeem to make an Aſpect among themſelves: yet nevertheleſs are there but 5 Aſpects more eſpecially regarded, as ☌, ✶, □, △, and ☍, which proportionable diſtances, may as powerfully affect the matter of ſublunary things, as the like Geometrical ſymmetry in ſound doth our ears.

Of Weights and Measures.

Of *Troy* Weight.

24 Grains	make	1 Peny w.
20 Peny weig.	make	1 Ounce.
12 Ounces	make	1 pou *Troy*

Apothecaries Weight.

20 Grains	make	1 Scruple.
3 Scruples	make	1 Dram.
8 Drams	make	1 Ounce.
12 Ounces	make	1 Pound.

Of *Averdupois* Weight, 2 Pound whereof is equal to 14 Ounces, 12 peny weight *Troy*; by which Weight is weighed any thing which beareth the name of Garbel in this kind of weight.

8 Drams	make	an Ounce.
16 Ounces	make	a Pound.
28 Pound	make	1 Quarter.
4 Quarters	make	1 H or 112
20 Hundreds	make	1 Tun.

Of Liquid Measure.

2 Pints	make	1 Quart.
2 Quarts	make	1 Pottle.
2 Pottles	make	1 Gallon
8 Gallons	make	1 Firkin of Ale, Sope, Herrings.
9 Gallons	make	1 Firkin of Beer.
10 Gall. ½	make	1 Firkin of Salmon or Eels.
2 Firkins	make	1 Kilderkin
2 Kilderkins	make	1 Barrel.
42 Gallons	make	1 Tierce of Wine.
63 Gallons	make	1 Hogshead
2 Hogsheads	make	1 pipe, Butt.

Dry Measure.

2 Gallons	make	1 Peck.
4 Pecks	make	1 Bushel land measure.
5 Pecks	make	1 Bushel wat. measure.
8 Bushels	make	1 Quarter.
4 Quarters	make	1 Chalder.
5 Quarters	make	1 Wey.

Long Measure.

3 Barly Corns	make	1 Inch.
12 Inches	make	1 foot.
3 feet	make	1 Yard.
3 feet 9 Inch.	make	1 Ell.
6 feet	make	1 fathom.
5 yards and ½	make	1 Pole.
40 Poles	make	1 furlong.
8 furlongs	make	1 Eng. mile

Land Measure.

1 pole in breadth and 40 in length make a Rood of Land.

4 Roods make an Acre, which contains 160 square pole.

Cloath Measure.

4 Nails	make	1 Quarter.
4 Quarters	make	1 Yard.
5 Quarters	make	1 Bll.
3 Quarters	make	1 Ell *Flemish*

The value of Forreign Coins in Engliſh *money.*

	lb.	ſh.	d.
Hebrew Talent in Gold	4500	0	0
Hebrew Talent in Silver	375	0	0
Alexandrian Talent	375	0	0
Ægyptian Talent	250	0	0
Babylonian Talent	218	15	0
Attick Talent	187	10	0
Seſtertium of *Rome*	7	16	3
A Shekel	0	2	6
Argenteus	0	2	6
A Drachma	0	0	7½
A Rubble	0	13	4
A Sultany	0	7	6
A Ducat	0	6	8
A *French* Crown	0	6	6
A Xeriffe	0	6	0
A Rix Doller	0	4	8
A Floren	0	3	0
A Frank	0	2	0
A Livre at *Paris*	0	1	6
A Gilden	0	2	0
A *Spaniſh* Real	0	0	6
A Sous	0	0	1q
A *Turkiſh* Aſper	0	0	1q
A Maravidis	0	0	0q

Weights & Meaſures mentioned in Scripture.

A Shekel in weight a ¼ of an Ounce.
Shekel of the Sanctuary ½ an ounce.
A Talent 62 pounds.
A Pound 12 ounces.
A Mules burthen 200 weight.
A Log half a pint.
A Hin 3 quarts.
A Bath 9 Gallons 3 quarts.
A Pot or Sextiry, a pint and an half.
A Meaſure or Chœnix, a quart.
A Firkin 4 Gallons and an half.
A Kab, a quart.
An Omer 3 pints & an half.
A Meaſure or Seah, a gallon & an half.
An Epha, half a Buſhel and Pottle.
Half Homer or Lethec, 7 buſh. & quart.

5 Stivers are equal to 6 pence Sterling, 6 Stivers are a Flemiſh Shilling, 20 Stivers or Solds Turnois make a Gilder, and 120 Stivers make a Livre or pound Flemiſh, which is reckoned equal to 12 ſhillings Sterling. The Ducatoons are equal to 10 Dutch ſhillings or 60 Stivers; Patatoons are equal to 48 Stivers or 8 Dutch Shillings, 8 Doits make a Stiver. The weight called a Quintal is 104 pound, in ſome places 108.

A

	A Day		A Week			1 Mon.			3 Mon			6 Mon			A year.		
	d.	c.	s.	d.	c.	s.	d.	c.	l.	s.	d. c	l.	s.	d. c	l.	s.	d. c
Shillings.	1	0	c	0	0	1	0	0	6	0	0	18	0	0	36	0	0	72
	2	0	0	0	0	3	0	0	12	0	0	36	0	0	72	0	1	44
	3	0	0	0	0	4	0	0	18	0	0	54	0	0	1 8	0	2	16
	4	0	c	0	0	5	0	0	24	0	0	72	0	0	1 44	0	2	88
	5	0	1	0	0	7	0	0	30	0	0	90	0	0	1 80	0	3	60
	6	0	1	0	0	8	0	0	36	0	0	1 8	0	0	2 :	0	4	32
	7	0	1	0	0	10	0	0	42	0	0	1 26	0	0	2 52	0	5	4
	8	0	1	0	0	11	0	0	48	0	0	1 44	0	0	2 88	0	5	76
	9	0	1	0	0	12	0	0	54	0	0	1 62	0	0	3 24	0	6	48
	1c	0	2	0	0	13	0	0	60	0	0	1 80	0	0	3 60	0	7	20
Pounds.	1	0	4	0	0	27	0	1	20	0	0	36	0	0	7 20	0	1	240
	2	0	8	0	0	55	0	2	40	0	0	72	0	1	240	0	2	480
	3	0	12	0	0	82	0	3	60	0	0	108	0	0	1 96	0	3	720
	4	0	15	0	1	10	0	4	80	0	1	24	0	0	2 48	0	4	960
	5	0	19	0	1	38	0	6	0	0	1	60	0	0	3 0	0	6	0
	6	0	23	0	1	65	0	7	20	0	1	96	0	0	3 72	0	7	240
	7	0	27	0	1	93	0	8	40	0	2	120	0	0	4 24	0	8	480
	8	0	31	0	2	21	0	9	60	0	2	40	0	0	4 96	0	9	720
	9	0	35	0	2	48	0	0	80	0	2	80	0	0	5 480	0	10	960
	1c	0	39	0	2	76	1	0	00	0	3	00	0	0	6 0	0	12	0
	2c	0	78	0	5	52	2	0	00	0	6	00	0	0	12 0	0	1	40
	3c	1	18	0	8	28	3	0	00	0	9	00	0	0	18 0	0	1	160
	4c	1	38	0	11	4	4	0	00	0	12	00	0	1	4 0	0	2	80
	50	1	97	1	1	80	5	0	00	0	15	00	0	1	10 0	0	3	00
	6c	2	36	1	4	57	6	0	00	0	18	00	0	1	16 0	0	3	120
	7c	2	75	1	7	33	7	0	01	1	1	00	0	2	2 0	0	4	40
	8c	3	14	1	10	9	8	0	01	1	4	00	0	2	8 0	0	5	160
	9c	3	53	2	0	85	9	0	01	1	7	00	0	2	14 0	0	5	80
	100	3	92	2	3	61	10	0	01	1	10	00	0	3	0 0	0	6	00

This Table shews the Interest of any sum of money from 1 sh to 100 lb from a day to a year, and for the greater exactness the peny is divided into 100 parts, so that 25 parts are a farthing, and 50 an half peny, &c Example. Let the Interest of 50lb. be required for a Week, a Year, and a Day:

Interest of 50lb. { for a year 3 0 0 0 / for a week 0 1 1 80 / for a day 0 0 1 97 } lb. sh. d. farth. viz. 3 1 3 3

3 1 3 77

Tables

Tables of Reversion for Renewing a 20 years Lease, according to any number of years within that time Lapsed, at 12lb 6, at 6lb, and at 10lb per cent.

1 years value for 7 y. lapsed is at 12lb p. c.		12lb 6 p. c. Years	Quarters	Months	Weeks	6lb per cent. Years	Quarters	Months	Weeks	at 10lb p. c. Years	Quarters	Months	Weeks
The Fine for Renewing.	1	0	0	1	0	0	1	0	3	0	0	-	3
	2	0	0	2	2	0	2	1	3	0	1	0	3
	3	0	1	3	0	0	3	2	3	0	2	0	3
	4	0	1	2	3	1	1	1	2	0	2	2	1
	5	0	2	1	2	1	2	0	0	0	3	1	1
	6	0	3	0	2	2	0	2	0	1	0	-	3
	7	1	0	0	2	2	2	1	2	1	1	2	0
	8	1	0	2	3	3	0	1	1	1	2	2	2
	9	1	1	2	3	3	2	1	1	2	0	1	2
	10	1	3	0	0	4	0	1	1	2	1	1	2
	11	2	0	1	0	4	2	2	0	2	3	0	0
	12	2	1	2	0	5	1	0	1	3	0	2	0
	13	2	3	0	2	5	3	1	3	3	2	1	3
	14	3	1	0	0	6	2	0	3	4	0	2	0
	15	3	3	0	0	7	1	0	0	4	2	2	3
	16	4	1	0	3	8	0	0	0	5	1	-	1
	17	4	3	2	0	8	3	0	2	6	0	0	1
	18	5	2	1	3	9	2	1	2	6	3	0	1
	19	6	1	2	0	10	2	0	1	7	2	1	1
	20	7	1	0	3	11	1	2	3	8	2	0	0

The use of these Tables is thus, suppose in a Lease of 20 years, you would renew 7 years Lapsed, and you are required to give but one years value (as is usually required) to renew the same, if you would know what rate of interest you have; then the Table tells you that you have 12 lb. 6 sh. *per cent.* profit; but if you give 2 years [illegible] quar-

Tables of Reversion for Renewing a 10 years Lease according to any number of years within that term Lapsed at 17lb 5 sh. at 6 lb. and at 10 lb. *per cent.*

The time for Renewing.	Years	Quarters	Months	Weeks
Y Lapsed	0	0	2	1
1	0	0	2	2
2	0	1	2	2
3	0	1	2	0
4	1	0	1	0
5	1	0	1	2
6	1	3	0	3
7	2	1	1	3
8	2	3	2	1
9	3	2	2	0
10	4	2	0	1

Years	Quarters	Months	Weeks
0	2	0	3
1	0	1	3
2	3	0	3
3	1	0	2
4	1	0	1
5	1	0	2
6	3	1	3
7	2	2	1
8	2	0	1
9	1	2	0
10	1	1	1

Years	Quarters	Months	Weeks
0	1	1	2
0	1	0	3
1	1	0	1
1	3	0	1
2	1	1	2
2	3	2	3
3	2	2	0
4	1	2	0
5	0	2	3
6	0	1	3

quarters, 1 month, and 1 week's value to renew the same you have but 6 lb. *per cent.* profit, or if you give 1 year, 1 quarter, and 2 months value, you have but 10 lb. *per cent.* profit, and so proportionably if you have more or fewer years to renew; so that a Lease of 20 years at 12 lb. 6 sh. *per cent.* is worth but 7 years, 1 quarter, and 3 weeks purchase; but at 6 lb. *per cent.* it is worth 11 years 1 quarter, 2 months, and 3 weeks purchase; and at 10 lb. *per cent.* it is worth 8 years, and 2 quarters purchase, that is at 20 lb. *per annum* 170 lb. &c.

In a 10 years Lease they usually give 1 years value to renew 4 years Lapsed, and then the Tenant hath 17 lb. 5 sh. *per cent.* profit for his money, as the Table shews, and if he gives 2 years, 1 quarter, 2 months, and 1 weeks purchase to renew the same he hath but 6 lb. *per cent.* profit, &c. so that a Lease of 10 years at 17 lb. 5 sh. *per cent.* is worth but 4 y. 2 q. & 1 m. purchase, but at 6 lb. *per*

cent.

What 1 lb Annuity to continue any number of years under 21 is worth in ready money.			The Reversion of 1 lb for any number of years under 31 at 6 lb per cent.		
lb.	sh.	d.	Y	sh.	d
0	18	1	1	18	10
1	16	8	2	17	9
2	13	5	3	16	9
3	9	3	4	15	10
4	4	3	5	14	11
4	18	4	6	14	1
5	11	7	7	13	4
6	4	2	8	12	6
1	16	0	9	11	10
7	7	2	1	11	2
7	17	8	11	10	7
8	7	8	12	9	11
8	17	0	13	9	5
9	5	10	14	8	1
9	14	3	15	8	7
10	2	1	16	7	10
10	9	6	17	7	6
11	16	6	18	7	6
11	3	2	19	6	7
11	9	4	20	6	3
11	15	3	21	5	10
12	0	10	22	5	7
12	6	0	23	5	3
12	11	0	24	4	11
12	15	8	25	4	8
13	0	0	26	4	5
13	4	2	27	4	2
13	8	1	28	3	10
13	11	9	29	3	9
13	15	3	30	3	6

A Table for renewing a 21 years Leaſe.			
Years paſt	Years	Quarters	Qu. of Q.
1	0	0	1
2	0	0	3
3	0	1	1
4	0	1	3
5	0	2	2
6	0	3	0
7	1	0	0
8	1	0	3
9	1	1	3
10	1	2	3
11	2	0	0
12	2	1	1
13	2	2	3
14	3	0	2
15	3	2	1
16	4	0	2
17	4	2	3
18	5	1	1
19	6	0	1
20	6	3	2
21	7	3	0

cent. it is worth above 7 years purchaſe, and at 10 lb. *per cent.* it is worth above 6 years value.

The Table for Renewing a 21 y. Leaſe is made upon the grounds of giving 1 y. value to renew 7 years lapſed, which is obſerved by Biſhops, Deans, and Chapters, Heads & Fellows of moſt Colleges in letting their Leaſes, and in ſo doing they allow their Tenants above 11 lb. *per cent.* profit for their money; ſo if 14 y. be lapſed then the Table ſhews that 3 years, & 2 quarters of a quarters value is to be given to renew the ſame at the ſame rate of intereſt, and ſo for more or fewer years lapſed.

The uſe of the Table of Reverſion of 1 lb. is thus, ſuppoſe an Eſtate is mortgaged for 20 years whoſe real value or fee ſimple is 100 lb. then what is the Reverſion thereof worth after 20 years, for anſwer I look againſt 20 y. and find that the Reverſion of 1 lb. is but 7 ſh. then I ſay if 1 lb. give 7 ſh. what will 100 lb. give? Anſwer, 35 lb. which is the worth of the Reverſion required at 6 *per cent.*

A

A Table shewing how many Bishopricks are in both Provinces of *England* and *Wales*, what Counties in every Bishoprick: How many Cities, Market-Towns, and Parishes are in every County, and how many Knights and Burgesses are chosen to serve in Parliament in every County.

Bishopricks.	Counties.	Cit.	M. T.	Par.	K. B.
Arch-Bishopr. *Canterbury* *Rochester*	*Kent*	2	29	408	10
London	*Middlesex*,	2	4	154	8
	Essex,	0	21	415	8
	Hereford, part.	0	18	120	6
Lincoln	*Lincoln*	1	34	630	12
	Leicester	0	12	192	4
	Huntington	0	6	79	4
	Bedford	0	10	116	4
	Buckingham	0	15	185	14
Winchester	*Hantshire*	1	16	253	26
	Isle of *Wight*	0	0		
	Garnsey & *Jersey*	0	0		
	Surrey	0	7	140	14
Ely	*Cambridge*	1	9	163	6
	Isle of *Ely*				
Salisbury	*Wilts*	1	22	304	34
	Berks	0	12	140	9
Chichester	*Sussex*	1	16	312	20
Exeter	*Devon*	1	32	394	26
	Cornwall	0	21	161	44
Bath and *Wells*	*Somerset*	3	30	385	18
Norwich	*Norfolk*	1	26	668	12
	Suffolk	0	28	464	16
Worcester	*Worcester*	1	11	152	9
	Warwick-sh. part	1	15	158	6
Coventry and *Litchfield*	*Stafford*	1	18	130	10
	Darby	0	9	105	4
	Salop part.	0	14	170	12

Hereford	Hereford	1	8	176	8
Oxford	Oxford	1	13	200	9
Glouceſter	Glouceſter	1	25	280	8
Peterborough	Northampton	1	13	325	9
	Rutland	0	2	48	2
Briſtol	Dorſet-ſhire	3	19	2,8	20
S. Davids	Pembrook	0	8	145	3
	Caermarthen	0	8	87	2
	Cardigan	0	4	64	2
	Brecknock	0	4	61	2
	Radnor	0	3	52	2
Landaffe	Glamorgan part.	0	8	118	2
	Monmouth	0	7	127	3
S. Aſaph	Montgom.	0	6	47	2
	Denbigh	0	4	57	2
	Flint & Merioneth part.	0	2	28	2
		0	3	3-	1
Bangor	Carnarvan	0	6	68	2
	Angleſey	0	2	74	2

The Province of *York*.

York Arch-Biſ.	Nottingham	0	9	168	6
	York part.	1	48	563	29
Cheſter	Cheſter	1	13	58	4
	Lancaſter	0	25	61	14
	Flint part.	0			
	Denbigh part.	0			
Carliſle	Cumberland part.	1	15	58	6
	Weſtmorland	0	8	26	4
Durham	Durham	1	6	118	4
	Northumberl.	0	6	46	8

FINIS.